



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090713

Mode: Highway

Status: Submitted

NC-133

From/Cross Street: Proposed Cape Fear Crossing

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 17/74/76

Project Category: Regional Impact

Length: 4.08

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$34,401,000

Description:

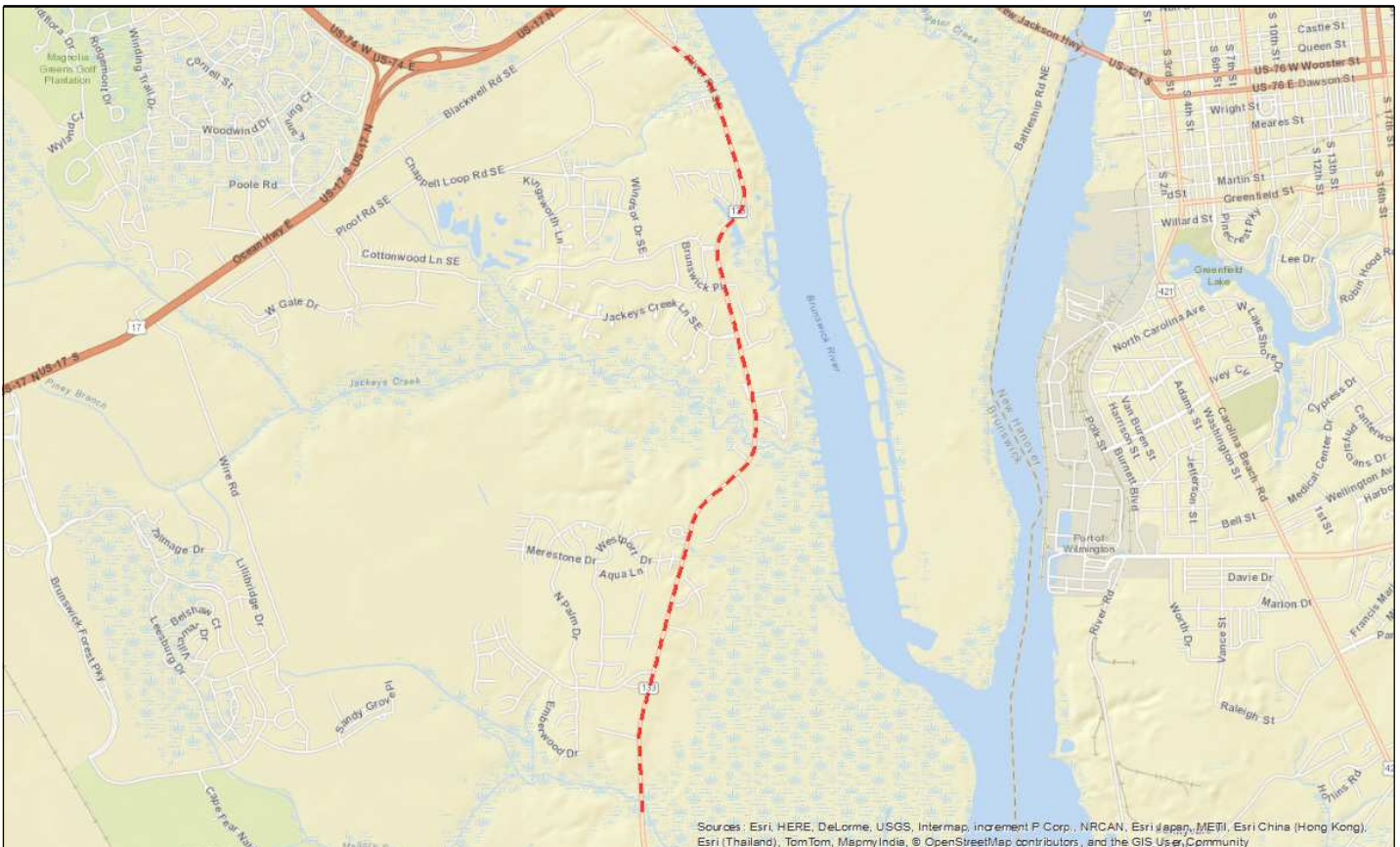
Widen NC 133 (River Road) from the Planned Cape Fear Crossing to the interchange at US 17/74/76

Division(s): Division 3

County(s): BRUNSWICK

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 28.95

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 51.87	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 3.93	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 13.95		

Division Needs Total Score: 19.54

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%) 3.93	Percent: 25%	Percent: 25%
Congestion (V/C) (20%) 43.86	Points: 0	Points: 0
Safety (20%) 51.87		
Totals: Weight: 50% Weighted Score: 19.54		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	52
Length (miles):	4.08
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10450.13
Capacity:	15800.15
Volume/Capacity Ratio:	0.66
% Autos:	92%
% Trucks:	8%
Truck Volume:	785.63
Crash Density:	65.26
Crash Severity:	48.94
Critical Crash Rate:	41.43
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	56
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	4.08
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-411988.54
Travel Time Savings for 30 Years (Autos):	-381015.69
Travel Time Savings for 30 Years (Trucks):	-30972.85
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$28,158,000	TIP Unit
Right-of-Way Cost:	\$5,574,000	Cost Estimation Tool
Utilities Cost:	\$669,000	Cost Estimation Tool
Total Project Cost:	\$34,401,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$34,401,000	